



**PATENT APPLICATION**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of

Docket No: Q68366

Shigeru SASAKI, et al.

Appln. No. 10/062,435

Group Art Unit: 1711

Confirmation No.: 2654

Examiner: Unknown

Filed: February 05, 2002

For: AROMATIC POLYMER PHOSPHONIC ACID DERIVATIVE AND PROCESS FOR PRODUCTION THE SAME

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**INFORMATION DISCLOSURE STATEMENT  
UNDER 37 C.F.R. §§ 1.97 and 1.98**

Commissioner for Patents  
Washington, D.C. 20231

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) (substitute for PTO Form 1449) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

One copy of each of the listed documents is submitted herewith.

1. World Patent No. 00/66254, published November 9, 2000 with Abstract.
2. U.S. Patent No. 3,748,306 issued July 24, 1973.
3. U.S. Patent No. 4,008,191 issued February 15, 1977.
4. U.S. Patent No. 4,996,271 issued February 26, 1991.
5. C. Djerassi, "Brominations with N-Bromosuccinimide and Related Compounds The Wohl-Ziegler Reaction", Chemical Reviews, American Chemical, (1984), pp. 271-317.

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INFORMATION DISCLOSURE STATEMENT

6. M.C. Carmen et al., "*N*-Bromosuccinimide in Acetonitrile: A Mild and Regiospecific Nuclear Brominating Reagent for Methoxybenzenes and Naphthalenes", *Journal of Organic Chemistry*, American Chemical Society, Vol. 60, No. 16, (August 11, 1995), pp. 5328-5331.

The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date for an application other than a continued prosecution application (CPA) under §1.53(d); (2) Before the mailing date of the first Office Action on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after filing a request for continued examination (RCE) under §1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

Applicant encloses herewith a copy of a corresponding Foreign Search Report citing such documents and indicating the degree of relevance found by the foreign patent office.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

Respectfully submitted,

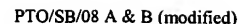


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*Complete if Known*

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Confirmation Number	2654
Filing Date	February 05, 2002
First Named Inventor	Shigeru SASAKI
Art Unit	1711
Examiner Name	Unknown
Attorney Docket Number	Q68366

*(use as many sheets as necessary)*

Sheet	1	of	1
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## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>2</sup> (if known)		
		US 3,748,306	US	07/24/1973	Khattab
		US 4,008,191	US	02/15/1977	Jagur-Grodzinski et al.
		US 4,996,271	US	02/26/1991	Guiver et al.
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## FOREIGN PATENT DOCUMENTS

[illegible]

## OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>
		C. Djerassi, "Brominations with N-Bromosuccinimide and Related Compounds The Wohl-Ziegler Reaction", Chemical Reviews, American Chemical Society, (1984), pp. 271-317.	
		M.C. Carreno et al., "N-Bromosuccinimide in Acetonitrile: A Brominating Reagent for Methoxybenzenes and Naphthalenes", Journal of Organic Chemistry, American Chemistry Society, Vol. 60, No. 16, (August 11, 1995), pp. 5328-5331.	

<b>Examiner Signature</b>		<b>Date Considered</b>	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov), MPEP 901.04 or in the comment box of this document. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to indicate here if English language Translation is attached.